

SCIENTIFIC AND INDUSTRIAL.

A Russian inventor has devised means of so impregnating wood with a certain chemical that matches made from it can be used several times over, thus effecting a saving of at least seventy-five per cent.

A ledge of white stone, which somewhat resembles marble, and is susceptible of a high polish, exists in Paradise valley, Nevada. When quarried, it is said to be much lighter and softer than ordinary rock, but hardens upon exposure.

Glucose is used principally for the manufacture of table syrup, as a substitute for barley malt in the brewing of beer and ale, and as a substitute for cane sugar in confectionery and in canning fruit, to adulterate cane sugar, to manufacture artificial honey and in making vinegar.

An enterprising Frenchman has invented a revolver which, though so small as to be conveniently carried in the vest pocket, can be fired ten times without reloading, and with greater ease and certainty than those of the old pattern.

A new alimentary substance, the seeds of the Bolivian cotton tree, has attracted the attention of the Academie des Sciences. It is rich in nitrogenized substances, and contains twenty-three per cent of fibrine and six of casein.

A variety of prehistoric objects in horn, such as amulets, cups, knives, daggers, rings, buttons, bracelets, etc., have been found in a stratum, existing at a depth of about five feet in the mud of Lake Neuenburg, Switzerland.

The great sand dunes along the banks of many rivers, and particularly along the shores at the southern end of Lake Michigan, are due to the presence of the Ammophila Arenaria, or sand-gathering grass, which possesses a remarkable power of drawing up moisture.

A curiosity in the way of watches was shown by Mr. E. Sordet, director of the watch-makers school at Geneva, before the Horological Section of the Society of Arts.

The remains of the Federal soldiers and sailors who fell in the late civil war have been buried in the following list of national cemeteries. The number of the known and unknown is also given:

Table with columns for location, known, and unknown. Locations include Andersonville, Ga., Arlington, Va., Nashville, Tenn., etc.

SELECT SIFTINGS.

The Japanese form of administering an ointment to dip a finger in ink. The crocodile is said to swallow stones sometimes, like birds, to aid the gastric mill.

The first wedding in America was that of Edward Wilson and Susannah White, of Plymouth, Mass. A Presbyterian minister of Hawick, Scotland, has sent to Queen Victoria a small plow made from spears, swords, and dirks.

There was a tunnel under the river Euphrates when ancient Babylon was in all its glory, and the ancient Egyptians had a Suez canal.

The principle of the microscope was known to Euclid, described by Galen 1,600 years ago, and more fully in 1590 A. D. in the works of Baptista Porta.

An oyster has a stomach and a heart in America. It has sex, but none in Europe. We have male and female oysters or the American coast. Those of Europe combine the two sexes of the animal.

It ought to be generally known that a man's hat will serve in most cases as a temporary life preserver to those in danger of drowning. When a person finds himself in the water he should lay hold of his hat between his hands, keeping the crown close under the chin and the mouth of the hat under water.

Of the twenty "oldest Masons" in the world, so far as anybody knows, the three who take precedence live in Great Britain, and Sir Moses Montefiore, centenarian though he is, does not come among them.

A Royal Game. Tennis has been a royal game; so very royal that Edward III. (1355) decided that no one but kings and their associates should be allowed to play it at all, and his example was followed by Henry IV., Henry VIII., and other reigning sovereigns of England and France.

Every little while the royal commands would be forgotten, or some convenient watch would break out, and, after it was over, tennis would "bob up serenely," as a very popular amusement. Henry VIII. had the tennis fever in a violent form, and the most famous royal set ever played was that in which Henry VIII. of England and the Emperor Charles V. were matched against the Prince of Orange and the Marquis of Brandenburg.

Where the Federal Dead are Buried. The remains of the Federal soldiers and sailors who fell in the late civil war have been buried in the following list of national cemeteries.

Table with columns for location, known, and unknown. Locations include Andersonville, Ga., Arlington, Va., Nashville, Tenn., etc.

FOUR ACTS PLAYED!

Had Report About Ex-President Arthur Will the First and Final Act be a Tragedy. Rochester Democrat and Chronicle.

The curtain rolls up for Act III. upon the distinguished actor affected with melancholy from Bright's disease, while Act IV. discovers him with the disease "in an aggravated form, suffering intensely (which is unusual) and about to take a sea voyage."

But all the same, named right or named wrong, this fearful scourge gathers them in! While it prevails among persons of sedentary habits—lawyers, clergymen, congressmen—it also plays great havoc among farmers, day laborers and the mechanics, though they do not suspect it, because their physicians keep it from them, if, indeed, they are able to detect it.

It sweeps thousands of women and children into untimely graves every year. The health gives away gradually, the strength is variable, the appetite fails, the weight less and less. This isn't malaria—it is the beginning of kidney disease and will end—who does not know how?

No, nature has not been remiss. Independent research has given an infallible remedy for this common disorder, but, of course, the bigoted physicians will not use Warner's safe cure, because it is a private affair and cuts up their practice by restoring the health of those who have been invalids for years.

These facts are cause for alarm, but there is abundant hope in prompt and independent action. Bee Meteorology. Numerous observations have shown Emmerich, a German scientist, that bees, otherwise gentle and harmless, become exceedingly irritable and excitable on the approach of thunderstorms.

Rough Handling of Children. The causes of joint diseases in childhood are frequently obscure, but this much is certain, that the rough handling which children receive at the hands of ignorant parents or careless nurses has much to do with the matter.

Professional Etiquette prevents some doctors from advertising their skill, but we are bound by no such conventional rules, and think that if we make a discovery that it is of benefit to our fellows, we ought to spread the fact to the whole land.

More than 10,000 miles of railroad are directly tributary to Chicago. A Chinese Conveyance. Mrs. Williamson, a missionary's wife, describing a tour that she made through Northern China, says of the conveyance—a kind of sedan chair carried by mules.

Here is a girl 12 years old with a baby of a year in her arms. The babe sits on the girl's arm without support to its back. This would be a hard enough position to maintain were the girl standing still, but she is walking rapidly, and the little one has to gather the entire strength of its muscular system to adapt itself to its changing bases of support.

"What I Know, I Know," said the great surgeon, Magendie. "Give me the stubborn facts—I care not for theories." This is sound doctrine. The world demands facts, not speculative opinions, and it is well known that Dr. Walker's VINEGAR BITTERS cure Indigestion, Liver Complaint, and Fevers, and numerous other distressing and dangerous complaints.

Secret, involuntary drains upon the system cured in thirty days. Pamphlet giving particulars, three letter stamps. Address, World's Dispensary Medical Association, Buffalo, N. Y.

Composed of Smart-Weed, Jamaica Ginger, Camphor Water and best French Brandy, Dr. Pierce's Extract of Smart-Weed is the best remedy for diarrhoea, cholera morbus, dysentery or bloody flux, colic or cramps, and to break up colds.

An Only Daughter Cured of Consumption. When death was hourly expected from Consumption, all remedies having failed and Dr. H. James was experimenting, he accidentally made a preparation of Indian Hemp, which cured his only child, and now gives this receipt on receipt of stamps to pay expenses.

The purest, sweetest and best Cod Liver Oil in the world, manufactured from fresh, healthy fish, and the sea-water. It is absolutely pure and sweet. Patients who have once taken it prefer it to all others.

A highly perfumed Soap will not heal or cure skin diseases, neither will it beautify and soften face and hands; try "Bosson's Aromatic Alum Sulphur Soap," 25 cents by Druggists, or by mail, Wm. Dreyfuss, Phila., Pa.

See F. & R.'s Gluten Flour adv. next week. EVERY work should be done in its own time.

When you visit or leave New York city, save baggage, express and 40 cents here, and stop at the Grand Union Hotel, opposite Grand Central Depot.

Whoever boasts of his greatness proves his littleness. That Tired Feeling. Afflicts nearly every one at this time of year, being caused by the depressing effects of the changing season and the debilitated condition of the body.

Hood's Sarsaparilla. A sufferer from chronic diarrhoea writes: "I tried various preparations, but even the simplest gave me pain at night. Consuming the Food, I found full satisfaction to the appetite and it was never attended with the slightest discomfort in any part of the system."

IMMEDIATE RELIEF! Gordon's King of Pain relieves pain of whatever nature. This moment it is applied, and a household remedy wherever known for Rheumatism, Neuralgia, Headache and Toothache.

QUICK! I had a valuable horse taken with the pinkeye, resulting in blood poisoning. After several months of doctoring with all the remedies to be found in horse books, I despaired of a cure.

FRAZER AXLE GREASE. Best in the World. Made only by the Fraxer Lubricator Co. at Chicago, N. Y. & St. Louis. Sold everywhere.

THURSTON'S IVORY TOOTH POWDER. Keeping Teeth Perfect and Gums Healthy. KIDDER'S PASTILLES. Price 50c. ANTHRA. Blair's Pills. Great English Gout and Rheumatic Remedy.

TO A FRIEND who is suffering from Boils and Carbuncles, no better advice can be given than to try Ayer's Sarsaparilla.

ORLANDO SNELL, 132 Ford St., Lowell, Mass., was terribly afflicted with Carbuncles on the back of his neck. Ayer's Sarsaparilla cured the Carbuncles, and has kept him free from them.

F. P. COGGESHALL, Bookseller, Lowell, says: I have been taking Ayer's Sarsaparilla for an impurity of the blood, which manifests itself in troublesome Boils and Eruptions, and can truly say that I have never found any medicine so prompt and certain in curative effect.

LEANDER J. McDONALD, Solely St., Charlestown, Mass., testifies: One year ago I suffered greatly from Boils and Carbuncles, and for nearly two months was unable to work. A druggist advised me to take Ayer's Sarsaparilla, which I purchased. After taking two bottles of this medicine I was entirely cured, and have remained well ever since.

For all diseases originating in impure blood take Ayer's Sarsaparilla, Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists. Price 50c; six bottles, \$4.

R. R. R. RADWAY'S READY RELIEF

THE CHEAPEST AND BEST MEDICINE FOR RHEUMATISM, NEURALGIA, SCIATICA, HEADACHE, TOOTHACHE, INFLAMMATIONS, CONGESTION, SPRAINS, BRUISES, SORE THROAT.

BOWEL COMPLAINTS. It will in a few moments, when taken according to directions, cure Cholera, Summer Complaint, Diarrhoea, Dysentery, Cholera Morbus, Colic, Wind in the Bowels, and all Intestinal Pains.

Malaria in its Various Forms. There is not a remedial agent in the world that will cure Fever and Ague and all other Malarious, and other fevers (Arise by Radway's Pills) so quickly as Radway's Ready Relief. Price 50c. Sold by druggists.

DR. RADWAY'S SARSAPARILLIAN RESOLVENT, The Great Blood Purifier, FOR THE CURE OF SKIN DISEASES, Eruptions of the Face and Body, Pimples, CHANCER, Salt Rheum, Old Sores, Itching, Constipation, Costiveness, Indigestion, Dyspepsia, Biliousness, Inflammation of the Bowels, Piles and all derangements of the Internal Viscera.

Chronic Liver Complaints, etc. Not only does the Sarsaparillian Resolvent excel all remedial agents in the cure of Chronic Scrophulous, Constitutional and Skin Diseases, but it is the only positive cure for

Kidney and Bladder Complaints, Urinary and Womb Diseases, Gravel, Diabetes, Dropsy, Stomachic Water, Impotency of Urine, Rheumatism, Albuminuria, and all cases where there are brick-dust deposits, or the water is thick, or there is a morbid, dark, bilious appearance, or white brassy deposits, and where there is a yellow, burning sensation, or scalding, or itching, and pain in the small of the back and along the loins.

Dr. Radway's Regulating Pills. For the cure of all Disorders of the Stomach, Liver, Bowels, Kidneys, Bladder, Nervous System, Female Complaints, Loss of Appetite, Headache, Constipation, Costiveness, Indigestion, Dyspepsia, Biliousness, Inflammation of the Bowels, Piles and all derangements of the Internal Viscera.

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A WEALTHY FARMER'S RELIABLE TESTIMONY.

Take special note of the following history of a very interesting case. Near the thriving village of Dundee, a few miles west of that queen of the lakes of central New York, Henry, Mr. Daniel Supple, a gentleman, about 70 years of age, Mr. Supple owns a very large and highly cultivated farm, which has for many years had the enviable reputation of being the best farm in that section.

Dear Sir: Yours of 24th inst. has been received. I would say that I think the use of HUNTER'S (Kidney and Liver) REMEDY has cured me. I have been suffering from Diabetes for many years, and I have tried every medicine that I could get, but I have not been cured. I have been advised to try HUNTER'S (Kidney and Liver) REMEDY, and I have tried it, and I have been cured. I have been advised to try HUNTER'S (Kidney and Liver) REMEDY, and I have tried it, and I have been cured.

HUNTER'S REMEDY CO., NEW YORK, January 23, 1885. HUNTER'S REMEDY CO., NEW YORK, January 23, 1885. HUNTER'S REMEDY CO., NEW YORK, January 23, 1885.

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GOOD WAGES. GOOD WAGES. GOOD WAGES.

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